

Sign Length	Left Section	Right Section
6.71m (22')	3.66 m (12')	3.05 m (10')
7.32 m (24')	3.66 m (12')	3.66 m (12')
7.93 m (26')	3.66 m (12')	4.27 m (14')
8.54 m (28')	4.88 m (16')	3.66 m (12')
9.15 m (30')	4.88 m (16')	4.27 m (14')
9.76 m (32')	4.88 m (16')	4.88 m (16')
10.37 m (34')	4.88 m (16')	5.49 m (18')
10.98 m (36')	6.10 m (20')	4.88 m (16')
11.59 m (38')	6.10 m (20')	5.49 m (18')
12.20 m (40')	6.10 m (20')	6.10 m (20')

Frames for signs greater than 6.0 m (20') in length shall be fabricated in two sections with left section a multiple of 1220 (48") in length. See table above.

Sections shall be hoisted into place individually and bolted together as per detail ① prior to tightening of mounting clip bolts.

Bolting two sections together and hoisting simultaneously will not be permitted.



Technical drawing of the front panel assembly, showing top and side views with dimensions and labels.

Top View Dimensions:

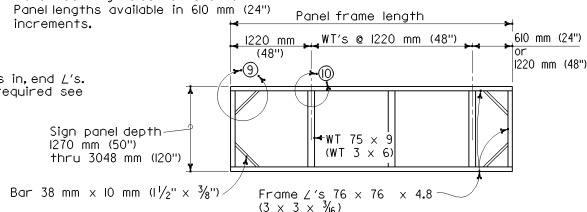
- Overall width: 388 mm (15 1/2") to 500 mm (20") center
- Panel mounting holes: 32 mm (1 1/4") from each side edge.
- Left frame and Right frame labels.
- 13 mm (1/2") \times Hex head bolt & nut with 2 flat washers.

Side View Dimensions:

- Panel thickness: 16 mm.
- Mounting hole diameter: 16 mm.
- Mounting hole offset from side edge: 16 mm.
- Mounting hole offset from top edge: 16 mm.
- Mounting hole offset from bottom edge: 16 mm.
- Mounting hole offset from center: 16 mm.
- Labels: Mo, Ta, Std.

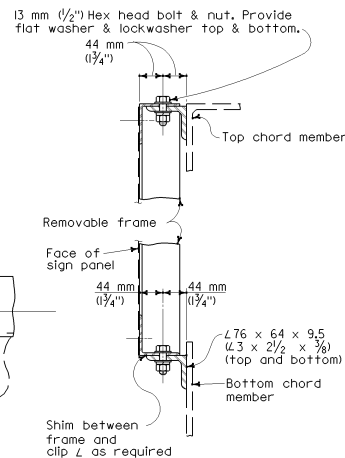
Panel Depth	No. of slots
1270 mm (50")	2
1778 mm (70")	3
2032 mm (80") & 2286 mm (90")	4
2540 mm (100") & 2794 mm (110")	5
3048 mm (120")	6

Panel mounting holes not shown.
Panel lengths available in 610 mm (24")
increments.



NOTES

1. Frames shall be all-welded construction.
2. Panel mounting holes shall be drilled by template. Sign panel may be considered a template.
3. Drilled and tapped holes 6.34 mm (1/4") may be used where interference due to welds or structural members is encountered.
4. WTT5 x 9 (WT3 x 6) shall be flush with faces of frame angles.
5. Mounting clip angles shall be located such as to allow the top and bottom frame angles of the removable sign panel to lie on a straight horizontal line.
6. Holes for mounting removable sign panel frame may be slopped 25 mm (1") maximum parallel to the axis of the sign.
7. WTT5 x 9 (WT3 x 6) may be crimped at ends to join frame angles. Fillet weld all around.



DETAIL 10

(Rear view)

Seal Weld

DETAIL 9

457 mm (18")

457 mm (18")

Seal Weld

PJP

51 mm (2")

Bar 38 mm x 10 mm (1 1/2" x 3/8")

6 mm (1/4")

6 mm (1/4")

TYPICAL JOINT DETAILS

Details shown apply for sign panel frames ≤ 2540 mm (100") deep. Mounting details for deeper panels shown on Standard Plan S8D.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**OVERHEAD SIGNS
STEEL FRAMES**
ADJUSTABLE SIGN PANEL FRAMES

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses (). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

S8A